

TOTAL FORCE ASSESSMENT (TFA)
OVERARCHING GUIDANCE

19 APRIL 2000

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Q OFFICE OF SPECIAL INVESTIGATIONS

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SECTION 1

INTRODUCTION

1.1 Objective and Scope

The specific goal of the Total Force Assessment (TFA) is to estimate the Air Force's total manpower requirements for both peacetime and wartime operations. As endorsed by the Chief of Staff of the United States Air Force (See **Attachment 1**), the TFA will determine the manpower required for a 2 Major Theater War (MTW) scenario, given existing force structure and operational concepts as well as review the requirements for multiple smaller scale contingencies (SSC) as envisioned under the Expeditionary Air Force (EAF) construct. The TFA results will be used to:

- a. Influence the next Quadrennial Defense Review (QDR). The TFA data in concert with force structure data will be used to determine manpower requirements for the 2 MTW scenario and for ongoing SSCs. TFA data will illustrate wartime and contingency requirements that can then be compared to current funded authorizations. The resulting military manpower shortages and overages, in turn, can be used to restructure AF manpower requirements during the QDR.
- b. Influence the Program Objective Memorandum (POM). TFA data will reflect the projected Air Force needs which the major commands, field operating agencies, and direct reporting units (MAJCOMs/FOAs/DRUs) and Functional Area Managers (FAMs) will then use as support for POM submissions.
- c. Provide data for Congressional, Office of the Secretary of Defense (OSD), and Chairman of the Joint Chiefs of Staff (CJCS) inquiries associated with wartime requirements and shortfalls.
- d. Provide data for other strategic, theater, mobility, and support analyses.
- e. Provide data for use by Air Staff, MAJCOM/FOA/DRU, and base-level personnel for day-to-day management of manpower assets.

1.2 Definitions

For purposes of the TFA, all Air Force manpower will be categorized into four major categories. These four categories are defined as follows.

- a. **DEPLOYING FORCES.** Deploying forces consist of both warfighting forces and combat support. These include all forces in the TFA Time Phased Force Deployment Document (TPFDD) that deploy from CONUS and OCONUS locations to theaters of war. Also included are those forces of a like kind that may already be located OCONUS within the theater of war. Operations and maintenance combat forces will be straight-lined by

organization regardless of deployment status. Combat support forces not included in the TPFDD will be accounted for in the In-place Support category.

- b. **IN-PLACE FORCES.** In-place forces are those warfighting forces that do not deploy but are required to remain in place in wartime. Among these are strategic airlift, space operations, Single Integrated Operations Plan (SIOP), forces needed to provide “reachback” support, homeland defense, and defense against weapons of mass destruction.
- c. **DIRECTED MISSION.** Directed mission forces are those that provide non-warfighting functions such as headquarters activities, Field Operating Agencies (FOAs), Direct Reporting Units (DRUs), Depots, etc. (Attachment 5) These forces may be straight-lined after review and validation by the MAJCOM.
- d. **IN-PLACE SUPPORT.** In-place support forces are those forces that provide support functions such as those related to base operating support (BOS). In-place support forces may be found in CONUS locations as well as in OCONUS locations. This category will be reviewed and adjusted using the Base Infrastructure Model (BIM).

1.3 Process Overview

Whereas the manpower determined for Deploying Forces, In-Place Forces, and Directed Mission manpower are independent of each other, all three of these will also serve as inputs to determination of the In-Place Support requirement. **Figure 1—1** presents an overview of this relationship. MAJCOMs will:

1. On the basis of the TPFDD, determine the number of deployers per base.
2. Apply the 8% BOS factor to the number of deployers per base to determine the adjustment to the BOS requirement for In-Place Support.
3. Distribute BOS adjustments to appropriate BOS organizations (apply fair-share, use FAM guidance, etc.).
4. Using the BIM (wartime MAF, adjusted level of service), determine the In-Place Support requirements by position-level detail.
5. Aggregate the deploying forces, remaining operational and maintenance personnel, In-Place Forces, Directed Mission, and In-Place Support to determine the total manpower requirement by base.

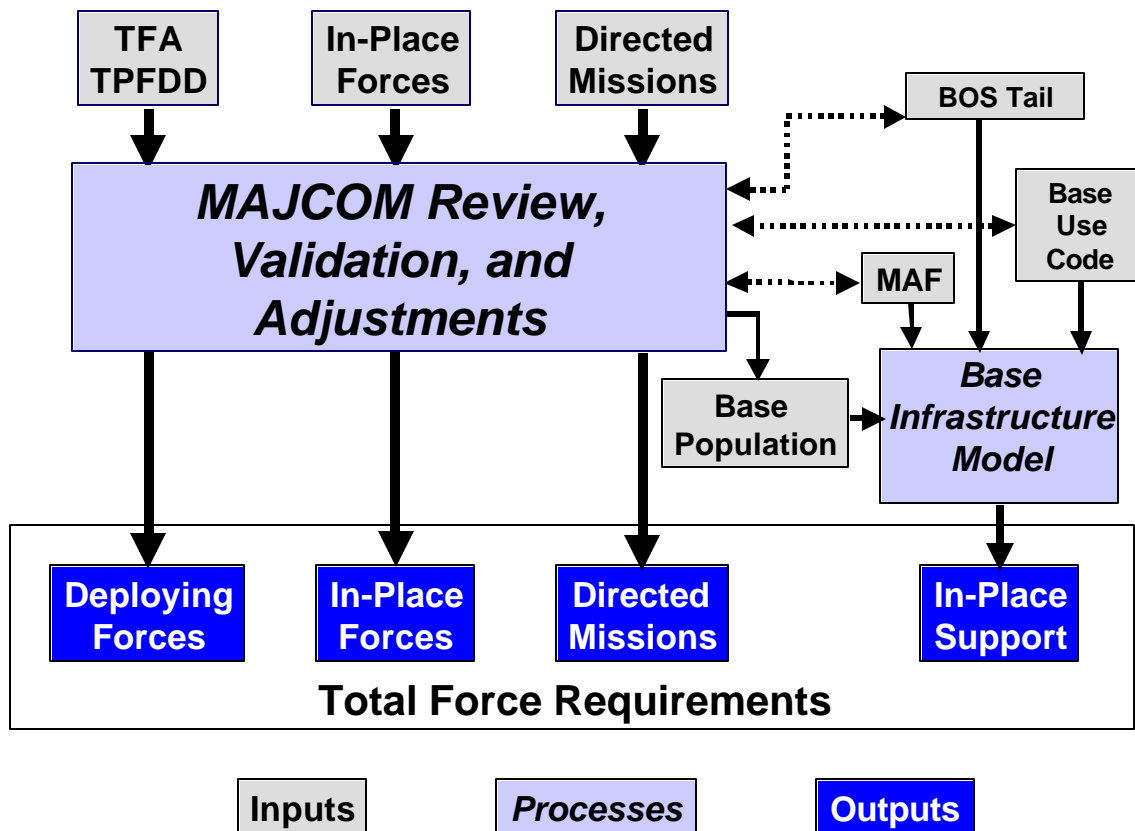


Figure 1—1: Relationship Among the Components of the TFA

1.4 Scenario and Planning Assumptions

A two Major Theater War (2 MTW) scenario will be used to determine the forces that will deploy. **Attachment 2** provides specific planning assumptions based on this scenario.

Development of manpower estimates for individual bases must consider the use of each base during a 2 MTW scenario. Base Use Codes (BUCs) provide a means for describing the relative degree of activity at any particular base and may be used by MAJCOMs in determining their In-Place Support requirements. The following are the BUCs that are currently employed within the Air Force:

- Category "A." Full and continuous operation of all flightline and base services and support functions.
- Category "B." Full and continuous operation of flightline, with partial operation of base services and support functions.

- Category "C." Partial flightline operations, with full and continuous operation of all base services and support functions.
- Category "D." Partial operation of flightline and base services and support functions.
- Category "E." No flightline operations, with full and continuous operation of all base services and support functions.
- Category "F." No flightline operations, with partial operation of base services and support functions.
- Category "G." Caretaker status. Minimum base facility maintenance and security.

Attachment 3 provides a complete list of Air Force bases and ARC installations with the expected BUC for each.

1.5 Overall Approach.

The overall approach for development of the TFA is a cooperative one between the Air Staff and the MAJCOMs as depicted in **Figure 1—2**. The process begins with AF/XPM's development and staffing of this document, the Overarching Guidance for the TFA. Next, with help from AF/XP and AF/XO, the Air Staff Functional Area managers will develop specific guidance to assist the MAJCOMs with the application of BOS tail adjustments. These Functional Guidance documents will be published as separate annexes to the Overarching Guidance, as listed in **Attachment 7**. The MAJCOMs will then review the Functional Guidance documents to ensure that they provide sufficient guidance to permit development of the TFA for the manpower in each of their commands. Next, the most demanding portion of the TFA will take place—the MAJCOMs will conduct the TFA for each of their bases at position level detail. This process will be accomplished cooperatively between the MAJCOM functional managers and the manpower community. Upon completion of this step, the MAJCOMs will forward their results back to the Air Staff for review and consolidation. Finally, the results of the TFA will be briefed to the Air Force corporate structure.

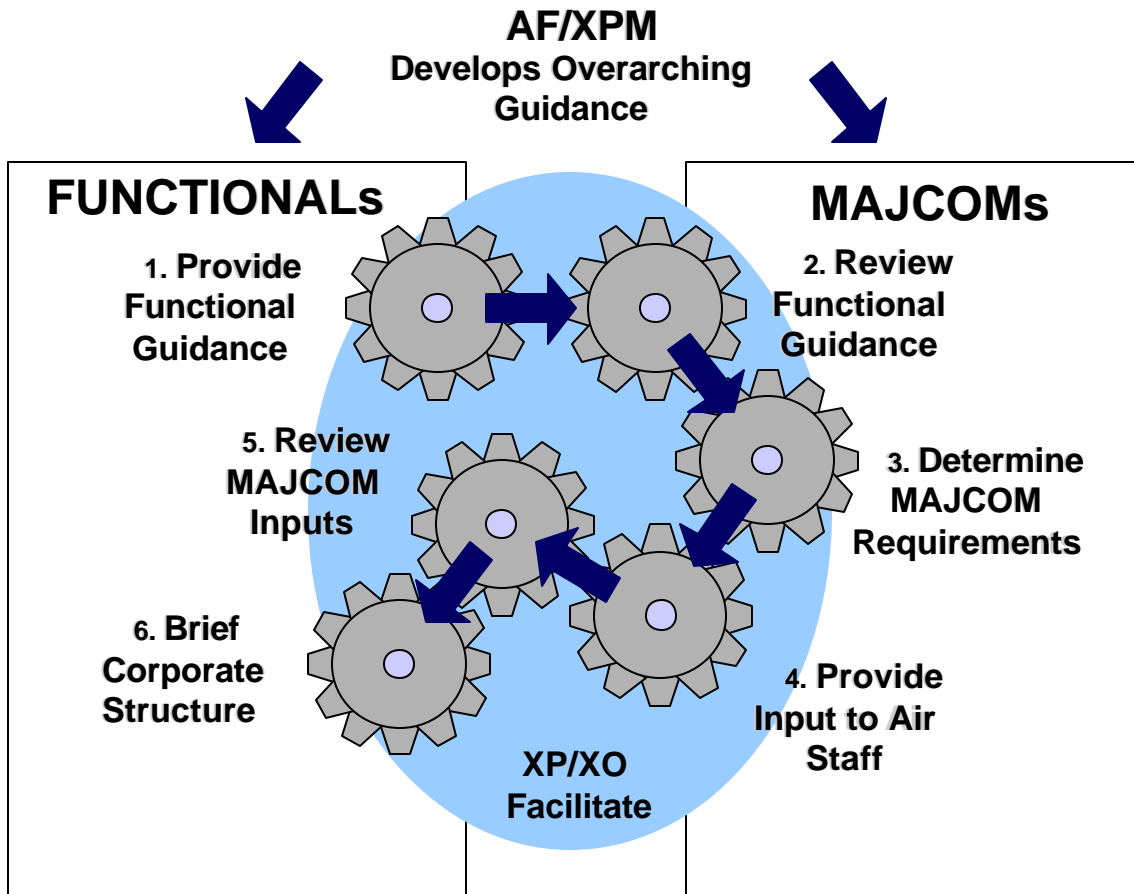


Figure 1—2: TFA Development Process

SECTION 2

MANPOWER DETERMINATION APPROACH

2.1 Determination of TFA Manpower Requirements for 2 MTW

Separate determinations will be made for the four categories of manpower as follows.

- a. **DEPLOYING FORCES.** For Deploying Forces, AF/XOPW will oversee the development of a TFA TPFDD for a 2 MTW deployment force (IAW DPG IPS). The TFA TPFDD will be updated as necessary to adjust the Air Force portion in accordance with the Expeditionary Aerospace Force/Aerospace Expeditionary Force (EAF/AEF) unit type codes (UTCs). **Attachment 4** provides the specific steps to be followed for development of the TFA TPFDD.
- b. **IN-PLACE FORCES.** Each MAJCOM will determine its requirement for In-Place forces. After review and validation, MAJCOMs may choose to straightline existing In-Place requirements for the TFA.
- c. **DIRECTED MISSION.** Each MAJCOM will determine if utilization of the wartime MAF is appropriate for these organizations. These forces may be straight-lined after review and validation by the MAJCOM. **Attachment 5** provides a candidate list of USAF organizations that fall into the category of Directed Mission.
- d. **IN-PLACE SUPPORT.** Each MAJCOM will apply the 8% BOS factor to the number of deployers per base to determine the adjustment to the BOS requirement for In-Place Support. They will then distribute BOS adjustments to appropriate BOS organizations (apply fair-share, use FAM guidance, etc.). Using the BIM (wartime MAF, adjusted level of service), each MAJCOM will determine the In-Place Support requirements by position-level detail.

2.2 Total Force Requirements for Guard and Reserve

As the TFA is being developed specific attention needs to be given to the Total Force requirements related to the Air Reserve Component (ARC) consisting of Air National Guard and Air Force Reserve Command units and personnel. Of principal importance in addressing the Total Force requirements is recognition of the fact that for a 2 MTW scenario, mobilization of the Guard and Reserve should be assumed, thereby making their capabilities fully available from the outset of the conflict. This means that the ARC is available for the first MTW as well as the second.

It should be noted that in addition to serving as force augmentation for the Active, the ARC has its own separate In-Place Forces and Directed Mission requirements to be met. For example, Strategic Air Defense is a 100% ANG In-Place mission, as is strategic airlift which is provided by both ANG and AFRC units. Also, the ARC has its own training, testing, and education, etc. organizations that fit within the category of Directed Missions. In addition, the ARC plays a key role in supporting the deployment of forces to overseas theaters, particularly through establishment of tanker “air bridges” to ferry aircraft and personnel. Finally, the TFA needs to address the manpower requirements to missions such as “homeland defense,” defense against weapons of mass destruction (WMD), and defense against “asymmetrical attacks,” which may be the purview of the CONUS-based geographically dispersed ARC forces.

Addressing ARC manpower requirements needs to be worked through both the gaining MAJCOMs and separately with the Guard and Reserve. It should be noted, however, that while Reserve requirements can be addressed via Air Force Reserve Command (AFRC), the Air National Guard should be worked centrally.

2.3 Adjustments to 2 MTW Manpower Requirements

Following determination of the total manpower requirements for Deploying Forces, In-Place Forces, Directed Mission, and In-Place Support, the Air Staff (AF/DP with assistance from AF/XPM) will determine additional requirements (at the aggregate level) to account for such factors as casualty replacement, non-deployable personnel, and personnel rotations.

2.4 Manpower Requirements for the SSCs

Manpower requirements for SSCs will be determined as follows:

- a. DEPLOYING FORCES. HQ USAF/XPMR will base SSC deployment data on AEFs 1 through 10 and AEWs 1 & 2 rotation plans.
- b. IN-PLACE FORCES. In-place forces will be assumed to be stable.
- c. DIRECTED MISSION. In-place directed mission requirements will be assumed to be stable.
- d. IN-PLACE SUPPORT. Base support requirements will be assumed to be stable.

SECTION 3

RESPONSIBILITIES, TIMELINES, AND REPORTING REQUIREMENTS

3.1 Responsibilities

The following paragraphs detail the specific responsibilities of various organizations with respect to accomplishing the TFA.

- a. AF/XPM will:
 - (1) Be responsible for overall management of TFA
 - (2) Develop overarching guidance, time phasing, etc.
 - (3) Assist AF/XOP with TPFDD development
 - (4) Assist FAMs with guidance development
 - (5) Act as FAM for manpower function
 - (6) Organize TFA data for analysis
 - (7) Manage and maintain the Base Infrastructure Model
- b. AF/XOP will:
 - (1) Be responsible for TPFDD development
 - (2) Assist FAMs with TPFDD review/development
- c. AF/DP will detail additional manpower requirements associated with casualty replacement, non-deployable personnel, and personnel rotation.
- d. Air Staff FAMs will:
 - (1) Develop FAM guidance IAW overarching TFA Guidance, FAM template, and USAF WMP-1 (**Attachment 7** presents a list of the specific functional annexes that will provide amplifying guidance for development of the TFA)
 - (2) Coordinate FAM functional guidance with reserve components
 - (3) Assist MAJCOM FAMs with implementation of guidance
 - (4) Validate their requirements and brief the Air Force Corporate Structure, as required
- e. MAJCOM XPMs will:
 - (1) Be responsible for overall TFA execution within the command
 - (2) Review MAJCOM deployment data during TFA TPFDD development
 - (3) Document base level “variances”
 - (4) Determine manpower requirements for In-Place Forces and Directed Mission

- (5) Run BIM with assistance from MAJCOM FAMs, to include full documentation of BIM input parameters and deviations from Air Staff FAM guidance
- (6) Obtain MAJCOM approval of TFA results
- (7) Report results IAW par 3.3

f. MAJCOM FAMs will:

- (1) Review Air Staff FAM guidance and coordinate any required adjustments
- (2) Review MAJCOM deployment data during TFA TPFDD development
- (3) Assist XPM with development of MAJCOM determination of In-Place Forces and Directed Mission manpower requirements.
- (4) Assist XPM with BIM for their function, to include full development and documentation of BIM input parameters and deviations from Air Staff FAM guidance

3.2 TFA Timeline

Figure 3—1 presents the timeline for development of the TFA.

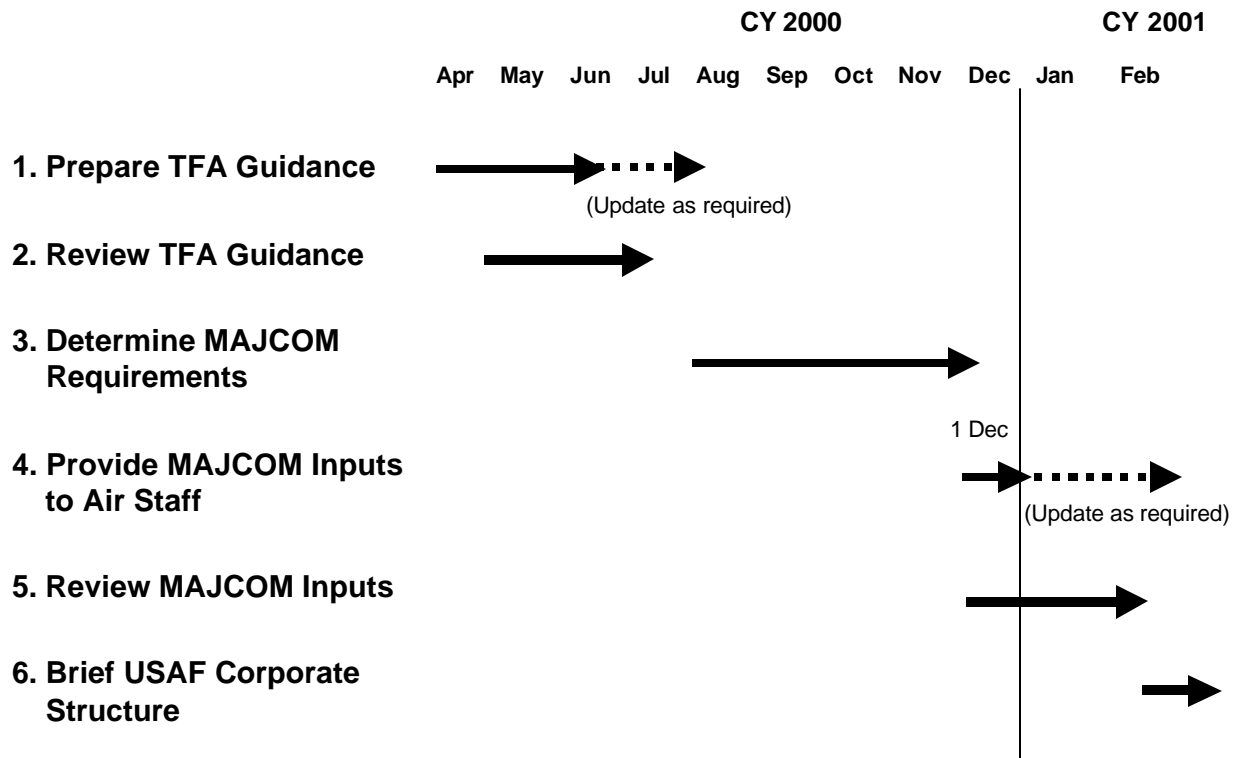


Figure 3—1: Timeline for Development of TFA

3.3 TFA Reporting Requirements

To permit substantive Air Staff review and validation of the MAJCOM requirements for the TFA, it will be necessary to completely document all planning assumptions used to develop these requirements. In particular, any deviations from Air Staff FAM guidance needs to be addressed and justified. In addition, when applying the BIM, all factors and assumptions need to be explicitly documented.

Specific reporting requirements are described below.

The narrative final report for TFA should consist of the following sections:

- a. METHODOLOGY/ASSUMPTIONS -- This section should contain an overview of how the MAJCOM/DRU/ FOA conducted the TFA exercise as well as any overall assumptions that differ from Air Staff guidance.
- b. GENERAL COMMENTS -- This section should contain any overall comments on the exercise, the TPFDD, the BIM, training, rationale for straightlining or changing requirements, problems encountered, force mix issues etc.
- c. FUNCTIONAL COMMENTS -- This section should contain comments particular to specific functionals. Break this out for each functional as follows:
 - 1. Functional Title
 - 2. Functional OPR (Office symbol, name, DSN number, e-mail)
 - 3. Assumptions (changes from Air Staff FAM guidance)
 - 4. Rationale for straightlining or changing requirements in directed mission organizations
 - 4. Issues
 - 5. Problems Encountered
 - 6. Force Mix Recommendations
 - 7. Other Comments

In addition to the narrative final report, MAJCOMs/FOAs/DRUs will send the following data base files (from the BIM) to AFMIA via e-mail:

- a. Wartime Requirements File
- b. MAJCOM POC List
- c. Computation Factors

ATTACHMENT 1
CSAF LETTER

(This attachment will contain the CSAF letter that charters the TFA)

ATTACHMENT 2

TFA PLANNING ASSUMPTIONS

The following planning assumptions will guide development of the manpower requirements for the TFA.

- a. The Air Reserve Component (ARC) forces will be integrated into planning for both day-to-day operations (EAF) and wartime deployments IAW current 2 MTW OPLANs and agreed upon peacetime participation levels.
- b. IAW the current DPG, U.S. forces will be able to “withdraw from peacetime engagement activities and SSC operations, reconstitute, and then deploy to a major theater war in accordance with the timelines for their use.”
- c. Civilians may deploy forward (in very selective instances as determined by the CINCs/functionals and if allowed under current status of forces agreements (SOFAs) or if allowed under the laws of armed conflict) to Main Operating Bases (MOB) required to execute the 2 MTW scenario.
- d. Contractors may deploy forward (in very selective instances as determined by the CINCs/functionals, and if allowed under SOFAs or allowed under the laws of armed conflict) or be hired at MOB required to execute the 2 MTW scenario.
- e. All In-Place Support requirements under the 2 MTW scenario will transition up to a sustained 60-hour wartime workweek.
- f. Levels of service in hours of operation in support functions in non-theater of operations locations are assumed to be stable (unless otherwise specified in FAM guidance). The FAMs will address specific levels of reduce service/operating hours and reduced workload and associated tasks in their functional guidance.
- g. In a 2 MTW scenario, Basic Military Training, OTS, and UPT/UNT will proceed at 100 percent of normal levels under sustained conditions. Formal Training (initial skills, technical, and supplemental courses) will proceed but at temporary reduced levels.
- h. Air Force headquarters, FOAs, DRUs, and joint activity manpower will be straightlined for both the SSC and 2 MTW scenarios unless the FAM/MAJCOM determines otherwise. These activities should be reviewed and an explanation should be provided as to whether the activity should be straightlined, increased or decreased and why this is the appropriate action.
- i. The following SSC list is representative of what the AF will be tasked to fulfill on a steady state rotational basis: OPERATION NORTHERN WATCH, OPERATION SOUTHERN WATCH, BALKAN WATCH, KEFLAVIK, and the SOUTHCOM AOR (3 locations).
- j. Strategic airlift assets will be apportioned IAW the DPG.

- k. AMC will assist components, as required, with air refueling and AMC mission support requirements.
- l. Combat activity, sortie rates, and aircraft attrition will be applied as they are reflected in the USAF WMP-5.
- m. No air or ground combat will occur in the CONUS or in overseas noncombat theaters. The possibility of terrorist and sabotage activities exists in the CONUS and overseas. Assume implementation of threat condition BRAVO at CONUS bases and threat condition CHARLIE at overseas bases. Selected CONUS locations (such as nuclear storage) may also be upgraded to CHARLIE. These locations will be determined by the MAJCOM on a case-by-case basis.
- n. AFI 38-204, Programming USAF Manpower, Paragraph 6-3 provides policies and procedures for determining which form of manpower (military, civilian, or contract services) must be used to accomplish essential Air Force workloads.
- o. Maximum combat capability is attained through the accelerated deployment of augmenting combat forces consistent with transportation and reception constraints. Accordingly, the time phasing of support forces must be predicated on deploying only the "minimum essential" support required to sustain combat operations during the initial phases of the conflict.
- p. ANG and AFRC will determine continuing mission support requirements for their bases.

ATTACHMENT 3 **LIST OF AIR FORCE BASES/INSTALLATIONS AND BASE USE** **CODES**

COMMAND	BASE	COMPONENT	Base Use Code
ACC			
	BARKSDALE AFB	ACTIVE	A
	BEALE AFB	ACTIVE	A
	CANNON AFB	ACTIVE	A
	DAVIS MONTHAN AFB	ACTIVE	A
	DYESS AFB	ACTIVE	A
	ELLSWORTH AFB	ACTIVE	A
	HOLLOMAN AFB	ACTIVE	A
	INDIAN SPRINGS AFS	ACTIVE	D
	LAJES FIELD	ACTIVE	A
	LANGLEY AFB	ACTIVE	A
	MINOT AFB	ACTIVE	A
	MOODY AFB	ACTIVE	A
	MOUNTAIN HOME AFB	ACTIVE	D
	NELLIS AFB	ACTIVE	A
	OFFUTT AFB	ACTIVE	A
	SEYMOUR JOHNSON AFB	ACTIVE	A
	SHAW AFB	ACTIVE	A
	WHITEMAN AFB	ACTIVE	A
AETC			
	ALTUS AFB	ACTIVE	A
	COLUMBUS AFB	ACTIVE	A
	GOODFELLOW AFB	ACTIVE	A
	KEESLER AFB	ACTIVE	A
	LACKLAND AFB	ACTIVE	A
	LAUGHLIN AFB	ACTIVE	A

COMMAND	BASE	COMPONENT	Base Use Code
	LITTLE ROCK AFB	ACTIVE	A
	LUKE AFB	ACTIVE	A
	MAXWELL AFB	ACTIVE	D
	RANDOLPH AFB	ACTIVE	A
	SHEPPARD AFB	ACTIVE	A
	TYNDALL AFB	ACTIVE	A
	VANCE AFB	ACTIVE	A
11 WG			
	BOLLING AFB	ACTIVE	E
AFMC			
	ARNOLD AFB	ACTIVE	F
	BROOKS AFB	ACTIVE	E
	EDWARDS AFB	ACTIVE	A
	EGLIN AFB	ACTIVE	A
	HANSCOM AFB	ACTIVE	F
	HILL AFB	ACTIVE	A
	KIRTLAND AFB	ACTIVE	A
	LOS ANGELES AFB	ACTIVE	F
	ROBINS AFB	ACTIVE	A
	TINKER AFB	ACTIVE	A
	WRIGHT-PATTERSON AFB	ACTIVE	A
AFRC			
	CARSWELL ARS	RESERVE	D
	DOBBINS ARB	RESERVE	D
	GENERAL MITCHELL IAP ARS	RESERVE	A
	GRISSOM ARB	RESERVE	D
	HOMESTEAD ARS	RESERVE	D
	MARCH ARB	RESERVE	A
	NIAGARA FALLS IAP ARS	RESERVE	A
	WESTOVER ARB	RESERVE	A
	WILLOW GROVE NAS ARS	RESERVE	A

COMMAND	BASE	COMPONENT	Base Use Code
AFSOC			
	HURLBURT FIELD	ACTIVE	D
AFSPC			
	CAPE CANAVERAL AFS	ACTIVE	E
	CAPE COD AFS	ACTIVE	A
	CAVALIER AFS	ACTIVE	B
	CHEYENNE MOUNTAIN AFS	ACTIVE	E
	CLEAR AFS	ACTIVE	E
	F. E. WARREN AFB	ACTIVE	A
	MALMSTROM AFB	ACTIVE	E
	PATRICK AFB	ACTIVE	C
	ONIZUKA AFS	Active	E
	PETERSON AFB	ACTIVE	C
	SCHRIEVER AFB	ACTIVE	A
	THULE AB	ACTIVE	C
	VANDENBERG AFB	ACTIVE	C
	WOOMERA AS	ACTIVE	D
AMC			
	ANDREWS AFB	ACTIVE	A
	CHARLESTON AFB	ACTIVE	A
	DOVER AFB	ACTIVE	A
	FAIRCHILD AFB	ACTIVE	A
	GRAND FORKS AFB	ACTIVE	A
	MACDILL AFB	ACTIVE	A
	MCCHORD AFB	ACTIVE	A
	MCCONNELL AFB	ACTIVE	A
	MCGUIRE AFB	ACTIVE	A
	POPE AFB	ACTIVE	A
	SCOTT AFB	ACTIVE	A
	TRAVIS AFB	ACTIVE	A
ANG			

COMMAND	BASE	COMPONENT	Base Use Code
	ALEXANDRIA, LA	GUARD	A
	ATLANTIC CITY IAP AGS	GUARD	A
	BANGOR IAP AGS	GUARD	A
	BARNES MAP AGS	GUARD	A
	BIRMINGHAM IAP AGS	GUARD	A
	BOISE AIR TERMINAL AGS	GUARD	A
	BRADLEY IAP AGS	GUARD	A
	BUCKLEY AGB	GUARD	B
	BURLINGTON IAP AGS	GUARD	A
	CAPITAL APT AGS	GUARD	A
	CHANNEL ISLANDS AGS	GUARD	D
	CHARLOTTE/ DOUGLAS IAP AGS	GUARD	A
	CHEYENNE APT AGS	GUARD	D
	DANE COUNTY REGIONAL-TRUAX	GUARD	A
	DANNELLY FIELD AGS	GUARD	A
	DES MOINES IAP AGS	GUARD	A
	DULUTH IAP AGS	GUARD	A
	ELLINGTON FIELD AGS	GUARD	B
	EWVRA SHEPPARD AGS	GUARD	B
	F.S. GABRESKI APT AGS	GUARD	D
	FORBES FIELD AGS	GUARD	A
	FORT SMITH REGIONAL APT	GUARD	A
	FORT WAYNE IAP AGS	GUARD	A
	FRESNO AIR TERMINAL AGS	GUARD	A
	GREAT FALLS IAP AGS	GUARD	A
	GREATER PEORIA REGIONAL APT	GUARD	A
	HANCOCK FIELD AGS	GUARD	A
	HARRISBURG IAP AGS	GUARD	A
	HECTOR FIELD IAP AGS	GUARD	A
	HULMAN REGIONAL APT	GUARD	A
	JACKSON IAP AGS	GUARD	A

COMMAND	BASE	COMPONENT	Base Use Code
	JACKSONVILLE IAP AGS	GUARD	A
	JOE FOSS FIELD AGS	GUARD	A
	JOHNSTOWN, PA	GUARD	D
	KALAELOA, HI	GUARD	E
	KEY FIELD AGS	GUARD	D
	KLAMATH FALLS IAP AGS	GUARD	A
	KULIS AGS	GUARD	A
	LAMBERT-ST LOUIS IAP AGS	GUARD	A
	LINCOLN MAP AGS	GUARD	A
	LOUISVILLE IAP AGS	GUARD	A
	LUIS MUNOZ MARIN IAP AGS PUERTO RICO	GUARD	A
	MANSFIELD LAHM MAP AGS	GUARD	A
	MARTIN STATE AGS	GUARD	A
	MCENTIRE AGS	GUARD	A
	MCGHEE TYSON APT AGS	GUARD	A
	MEMPHIS IAP AGS	GUARD	A
	MINNEAPOLIS-ST. PAUL IAP AGS	GUARD	A
	NASHVILLE IAP AGS	GUARD	A
	NEW CASTLE COUNTY APT AGS	GUARD	A
	OTIS AGB	GUARD	A
	PEASE INTERNATIONAL	GUARD	D
	PITTSBURGH IAP AGS	GUARD	A
	PHOENIX SKY HARBOR IAP AGS	GUARD	A
	PORTLAND IAP AGS	GUARD	A
	QUONSET STATE APT AGS	GUARD	D
	RENO-TAHOE IAP AGS	GUARD	A
	RICHMOND IAP AGS	GUARD	A
	RICKENBACKER IAP AGS	GUARD	D
	ROSECRANS MEMORIAL APT	GUARD	D
	SALT LAKE CITY IAP AGS	GUARD	A
	SAVANNAH IAP AGS	GUARD	A

COMMAND	BASE	COMPONENT	Base Use Code
	SCHENECTADY COUNTY APT AGS	GUARD	D
	SELFRIEDGE AGB	GUARD	D
	SIOUX GATEWAY APT AGS	GUARD	A
	SPRINGFIELD- BECKLEY MAP AGS	GUARD	D
	STEWART IAP AGS	GUARD	A
	TOLEDO EXPRESS APT AGS	GUARD	A
	TUCSON IAP AGS	GUARD	A
	TULSA IAP AGS	GUARD	A
	WILL ROGERS WORLD APT AGS	GUARD	A
	WK KELLOGG APT AGS	GUARD	A
	YEAGER AIRPORT APT AGS	GUARD	A
PACAF			
	EIELSON AFB	ACTIVE	A
	ELMENDORF AFB	ACTIVE	A
	HICKAM AFB	ACTIVE	A
	KADENA AB	ACTIVE	A
	KUNSAN AB	ACTIVE	A
	MISAWA AB	ACTIVE	A
	OSAN AB	ACTIVE	A
	YOKOTA AB	ACTIVE	A
USAFA			
	USAF ACADEMY	ACTIVE	C
USAFE			
	AVIANO AB	ACTIVE	A
	INCIRLIK AB	ACTIVE	A
	RAF CROUGHTON	ACTIVE	C
	RAF LAKENHEATH	ACTIVE	A
	RAF MILDENHALL	ACTIVE	A
	RAMSTEIN AB	ACTIVE	A
	SPANGDAHLEM AB	ACTIVE	A
OTHER			
	MOFFETT FEDERAL FIELD	NASA	A

COMMAND	BASE	COMPONENT	Base Use Code
	NEW ORLEANS	NAVY	A

ATTACHMENT 4

TPFDD DEVELOPMENT

Procedures

TPFDD requirements will be developed by AF/XOPW in coordination with Air Components/MAJCOMs/FOAs/DRUs. The TFA TPFDD is a requirements-based TPFDD and will not contain combat forces in excess of those apportioned in WMP-3, Part 1, as modified for FQ '01/4 force structure, but may include support forces not apportioned in WMP-3, Part 2. HQ USAF/XOPW must approve any changes to the UTC requirements in this TPFDD.

TPFDD Development and Maintenance

The TFA TPFDD will be developed based on the WMP-3, Part 2 Construct outlined below. Any required changes (requirements or sourcing) to the TFA TPFDD will be addressed to the appropriate HQ USAF functional area manager (FAM). Air Staff FAMs will provide required changes to HQ USAF/XOPW on the change request forms provided.

Assumptions

The following assumptions will be followed in developing the TFA TPFDD

- a. WMP-3, Part 1 (Combat Forces) will be adjusted in accordance with FQ '01/4 force structure.
- b. All WMP-3, Part 1 and WMP-3, Part 2 (Support Forces) will be available for wartime tasking.
- c. U.S forces will be disengaged from all peacetime engagements (to include steady state rotations) and SSCs.
- d. TPFDD will be requirements based and requirements will be sourced to the maximum extent possible.
- e. Closure profiles will be notional. Transportation Feasibility will not be accomplished.

Responsibilities

- a. HQ USAF/XOPW will:
 - (1) Build the TFA TPFDD in accordance with the WMP Construct as modified for the TFA Scenario.
 - (2) Coordinate with air components in developing TFA scenario.
 - (3) Provide copies of TPFDD requirements to each Air Staff functional area manager for comment and possible adjustment.
 - (4) Place a copy of the TFA TPFDD into JOPES PID 08TFA for review by air components and sourcing agencies.
 - (5) Update TPFDD requirements from the Type Unit Characteristics (TUCHA) file.

- (6) Develop a GCCS newsgroup to provide communication flow for all TFA activities.
 - (7) Update all changes to the TFA TPFDD once validated by Air Staff FAM via XOPW TPFDD Change Form
- b. Air components will:
- (1) Review the scenario used in developing the TFA TPFDD and recommend changes to USAF/XOPW.
 - (2) Review the requirements in the TFA TPFDD and recommend changes to the appropriate Air Staff functional area manager.
- c. Sourcing agencies will review the requirements in the TFA TPFDD and recommend changes to the appropriate Air Staff functional area manager.
- d. HQ USAF/XPMR will:
- (1) In conjunction with the Air Force Manpower Readiness Flight (AFMRF), provide assistance as required to HQ USAF/XOPW and Air Staff functional managers, including:
 - (a) AFSC detail reports depicting total TPFDD and in-place requirements by AFSC.
 - (b) Current manpower authorized strength.
 - (c) AFSC detail reports by functional area depicting each UTC with an embedded functional area AFSC.
 - (d) Other computer operations and analysis as required.
 - (2) Consolidate results from MAJCOM XPMs and review results with Air Staff FAMs.
- e. Air Staff Functional Area Managers (FAMs) will:
- (1) Assist XOPW in the TPFDD development and maintenance process. See par c under **TFA TPFDD Construct** below
 - (2) Address TFA TPFDD validation in their specific functional guidance (see appropriate Annex to Attachment 8).
 - (3) Review and validate all recommended TPFDD changes.
 - (4) Provide XOPW validated change requests to TFA TPFDD via XOPW TPFDD Change Form
 - (5) Update TPFDD records from the TUCHA file or provide manpower/logistics detail for non-standard UTCs (Z99s).

TFA TPFDD Construct

HQ USAF/XOPW will build the TFA TPFDD based on the WMP Construct and the TFA Scenario. The TFA TPFDD will only include those forces that are deployable. Non-deployable forces (In-Place Forces, Directed Mission Units, and In-Place Support) are addressed in other aspects of the TFA. See Section 2 of Overarching Guidance.

- a. TFA Scenario. CLASSIFIED.
- b. WMP-3/2 Construct: The TFA TPFDD will be based on the WMP 3/Part 2 Four-Tiered Pyramid Construct. The four tiers are: (1) 2-MTW OPLANs, (2) Support for Additional 3 Fighter Wing Equivalents (FWE), (3) Immature Theater Planning Factor, and (4) Theatre Unique Requirements. See Figure A4-1.

(1) 2-MTW OPLANs.

The combined TPFDD for the 2-MTW OPLANs will be the basis for most of the TFA TPFDD (JOPES PID 08TFA). XOPW will use the **overall** most demanding scenario to build the TFA TPFDD. (Note, for some functional areas the second scenario could be more stringent. In such cases, additive requirements can be identified in the Theater Unique Requirements level of the construct).

To develop this portion of the TPFDD, XOPW will coordinate with the applicable components to identify the most current planning data and ensure all Air Force assets (to include those supporting USTRANSCOM, USSOCOM, and other Services) are identified in the TPFDD.

(2) 3 Fighter Wing Equivalents (FWE).

The 3-FWE tier addresses the support required for the additional 3 FWE that are **not** currently bedded down in the 2-MTW scenario. XOPW, in coordination with applicable air component, will determine notional beddowns for all apportioned forces. Base support for the additional collocated operating bases (COBs), each with a population of 3500-4000, will constitute the 3-FWE level of WMP pyramid. Also, deployable requirements for the Air Bridge and en route support, if not already included in 2-MTW level, should be included here.

XOPW will identify which forces have been added to the TFA TPFDD to account for the 20 FWE portion of the construct. Specific guidance will be posted on the GCCS newsgroup.

(3) Immature Theater Planning Factor.

The Immature Theater Planning Factor (ITPF) level incorporates those forces that would be required to support three (3) bare bases (BB), each with a population of

3500-4000. The forces identified in this tier are over-and-above those required to support the 20 FWE in the event combat forces are required to deploy to a Bare Base vice COB or main operating base (MOB).

XOPW will identify which forces have been added to the TFA TPFDD to account for the ITPF portion of the construct. Specific guidance will be posted on the GCCS newsgroup.

(4) Theater Unique Requirements.

The Theater Unique Requirements level of the pyramid addresses those support requirements that are required in another theater but that exceed the 2-MTW scenario. This level will include **deployable** 1st Air Force and NORAD forces, CINC taskings outside of 2-MTW OPLANs, and requirements for those functional areas for which the opposing scenario is more stringent.

WMP-3/2 Construct

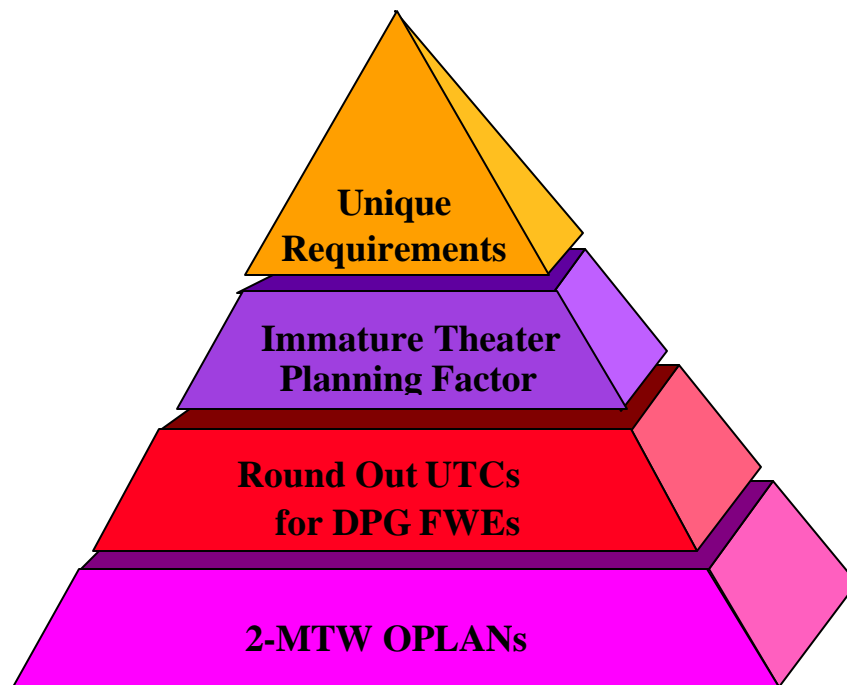


Figure A4-1

c. FAM Role in Validating TFA TPFDD Construct.

The TFA TPFDD Construct is based on the same construct used to validate the WMP-3, Part 2 database as identified in the AFWUS. Forces identified to support 2-MTW should be coded as CWS/CWM in AFWUS; 20 FWE should be coded as CFS/CFM; IMTF should be CBS/CBM; and Unique Requirements as CQS/CQM.

Air Staff FAMs should review the TFA TPFDD to ensure requirements for their functional areas are properly addressed in all levels of the construct. Any changes to the TFA TPFDD must be forwarded to USAF/XOPW along with supporting rationale.

TPFDD requirements will be developed by AF/XOPW. The TFA TPFDD is a requirements-based TPFDD and will not contain combat forces in excess of those apportioned in WMP-3, Part 1, but may include additional support forces not apportioned in WMP-3, Part 2. HQ USAF/XOPW must approve any changes to the UTC requirements in this TPFDD.

TPFDD Development and Maintenance

Any required changes (requirements or sourcing) to the TFA TPFDD will be addressed to the appropriate HQ USAF functional area manager. Air Staff FAMs will provide required changes to HQ USAF/XOPW on the change request forms provided in this document.

Responsibilities

- a. Using the 2 MTW TPFDDs as a starting point, HQ USAF/XOPW will:
 - (1) Update TPFDD requirements from the Type Unit Characteristics (TUCHA) file.
 - (2) Provide copies of TPFDD requirements to each Air Staff functional manager for comment and possible adjustment.
 - (3) Make any required TPFDD changes to include manpower for three bare bases, support for Fighter Wing equivalents, and unique requirements.
 - (4) Place a copy of the TFA TPFDD into JOPES PID 08TFA for review by air components and sourcing agencies.
 - (5) Develop a GCCS newsgroup to provide communication flow for all TFA activities.
- b. Air components will review the requirements in the TFA TPFDD and recommend changes to the appropriate Air Staff functional manager.
- c. Sourcing agencies will review the requirements in the TFA TPFDD and recommend changes to the appropriate Air Staff functional manager.
- d. HQ USAF/XPMR will:

- (1) In conjunction with the Air Force Manpower Readiness Flight (AFMRF), provide assistance as required to HQ USAF/XOPW and Air Staff functional managers, including:
 - (a) AFSC detail reports depicting total TPFDD and in-place requirements by AFSC.
 - (b) Current manpower authorized strength.
 - (c) AFSC detail reports by functional area depicting each UTC with an embedded functional area AFSC.
 - (d) Other computer operations and analysis as required.
 - (2) Consolidate results from MAJCOM XPMs and review results with Air Staff FAMs.
- e. Air Staff Functional Managers will:
- (1) Assist XOPW in the TPFDD development and maintenance process.
 - (2) Review and validate all recommended TPFDD changes.
 - (3) Develop specific functional guidance.
 - (4) Update TPFDD records from the TUCHA file or provide manpower/logistics detail for non-standard UTCs (Z99s).

ATTACHMENT 5

RECOMMENDED DIRECTED MISSION ORGANIZATIONS

UNITED STATES AIR FORCE, HQ

Pentagon VA

Direct Reporting Units

11 Wing (except 11 Log Gp and 11 Spt Gp)	Bolling AFB DC
Air Force Accounting and Finance Office	Denver CO
Air Force Acquisition Career Management Office	Pentagon VA
Air Force Art Program Office	"
Air Force Attaché Affairs Office	"
Air Force Colonel Matters Office	"
Air Force Contractor Industrial Relations Office	Patrick AFB FL
Air Force Declassification Office	Maxwell AFB AL
Air Force Departmental Publishing Office	Bolling AFB DC
Air Force District of Washington Accounting and Finance Office	"
Air Force General Officer Matters Office	Pentagon VA
Air Force International Programs Support Office	"
Air Force Senior Executive Matters Office	"
Air Force Theater Air Defense Office	"
The United States Air Force Band	Bolling AFB DC
USAF Honor Guard	"
Air Force Communications and Information Center	Pentagon VA
Air Force Doctrine Center	Maxwell AFB AL
Air Force Operational Test and Evaluation Center	Kirtland AFB NM
United States Air Force Academy	USAF Academy CO

Field Operating Agencies

Air Force Agency for Modeling and Simulation	Orlando FL
Air Force Audit Agency	Washington DC
Air Force Base Conversion Agency	Washington DC
Air Force Center for Environmental Excellence	Brooks AFB TX
Air Force Civil Engineer Support Agency	Tyndall AFB FL
Air Force Cost Analysis Agency	Arlington VA
Air Force Flight Standards Agency	Washington DC
Air Force Historical Research Agency	Maxwell AFB AL
Air Force History Support Office	Bolling AFB DC
Air Force Inspection Agency	Kirtland AFB NM
Air Force Legal Services Agency	Washington DC
Air Force Logistics Management Agency	Maxwell AFB, AL
Air Force Manpower and Innovation Agency	Randolph AFB TX
Air Force Medical Operations Agency	Bolling AFB DC
Air Force Medical Support Agency	Brooks AFB TX
Air Force National Security Emergency Preparedness Office	Pentagon VA
Air Force News Agency	Kelly AFB TX
Air Force Nuclear Weapons and Counterproliferation Agency	Pentagon VA
Air Force Office of Special Investigations	Andrews AFB MD
Air Force Operations Gp	Pentagon VA
Air Force Personnel Center	Randolph AFB TX
Air Force Personnel Operations Agency	Pentagon VA

Air Force Program Executive Office	"
Air Force Real Estate Agency	Bolling AFB DC
Air Force Review Boards Agency	Pentagon VA
Air Force Safety Center	Kirtland AFB NM
Air Force Security Forces Center	Lackland AFB TX
Air Force Services Agency	San Antonio TX
Air Force Studies and Analyses Agency	Pentagon
Air Force Technical Applications Center	Patrick AFB FL
Air Force Weather Agency	Offutt AFB NE
Air Intelligence Agency	Kelly AFB TX
Air National Guard Readiness Center	Andrews AFB DC
Joint Services Survival, Evasion, Resistance and Escape Agency	Ft Belvoir VA

AIR COMBAT COMMAND

Air Combat Command, HQ	Langley AFB VA
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Air Combat Command Air Operations Sq	"
Air Combat Command Civil Engineer Sq	"
Air Combat Command Contracting Sq	"
Air Combat Command Inspection Sq	"
Air Combat Command Intelligence Sq	"
Air Combat Command Manpower and Innovation Flt	"
Air Combat Command Program Management Sq	"
Air Combat Command Regional Supply Sq	"
Air Combat Command Requirements Sq	"
Air Combat Command Studies and Analyses Sq	"
Air Combat Command Training Support Sq	"
Combat Search and Rescue Agency	"
United States Air Force Heartland of America Band	Offutt AFB NE
United States Air Force Heritage of America Band	Langley AFB VA
Air Combat Command Communications Gp	"
Aerospace Command and Control & Intelligence,	
Surveillance and Reconnaissance Center	Langley AFB VA
Air Force Command and Control Training and Innovation Gp	Hurlburt Fld FL
Air Warfare Center (except 99 Air Base Wing)	Nellis AFB NV

First Air Force (ANG), Hq	Tyndall AFB FL
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701 Air Defense Sq (ANG)	"
702 Computer Systems Sq (ANG)	"
722 Support Sq	
Northeast Air Defense Sector (ANG), Hq	North Bay AS CAN
Southeast Air Defense Sector (ANG), Hq	Griffiss AFB NY
Western Air Defense Sector (ANG), Hq	Tyndall AFB FL
	McChord AFB WA

Eighth Air Force, Hq	Barksdale AFB LA
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608 Air Communications Sq	"
608 Air Intelligence Sq	"
608 Air Support Sq	"
3 Air Support Operations Gp	Ft Hood TX
3 Weather Sq	"
9 Air Support Operations Sq	"
10 Air Support Operations Sq	Ft Riley KS

11 Air Support Operations Sq	Ft Hood TX
13 Air Support Operations Sq	Ft Carson CO
712 Air Support Operations Sq	Ft Hood TX
608 Air Operations Gp	Barksdale AFB LA
Ninth Air Force, Hq	Shaw AFB SC
609 Air Communications Sq	"
609 Air Support Sq	"
819 RED HORSE Sq	Malmstrom AFB MT
823 RED HORSE Sq	Hurlburt Fld FL
5 Combat Communications Gp	Robins AFB GA
18 Air Support Operations Gp, Hq	Pope AFB NC
2 Weather Flt	Fort McPherson GA
14 Air Support Operations Sq	Fort Bragg NC
15 Air Support Operations Sq	Fort Stewart GA
17 Air Support Operations Sq	Fort Benning GA
18 Weather Sq	Fort Bragg NC
6 Weather Flt	Fort Rucker AL
19 Air Support Operations Sq	Fort Campbell KY
20 Air Support Operations Sq	Fort Drum NY
21 Air Support Operations Sq	Fort Polk LA
22 Air Support Operations Flt	Fort Bragg NC
682 Air Support Operations Sq	Shaw AFB SC
609 Air Intelligence Gp	"
30 Intelligence Sq	Langley AFB VA
609 Air Intelligence Sq	Shaw AFB SC
609 Air Operations Gp	"
Twelfth Air Force, Hq	Davis-Monthan AFB
612 Air Communications Sq	AZ
612 Air Support Sq	"
820 RED HORSE Sq	"
1 Air Support Operations Gp	Nellis AFB NV
3 Combat Communications Gp	Fort Lewis WA
612 Air Intelligence Gp, Hq	Tinker AFB OK
13 Intelligence Sq	Davis-Monthan AFB
612 Air Intelligence Sq	AZ
612 Air Operations Gp	Beale AFB CA
	Davis-Monthan AFB
	AZ
	Davis-Monthan AFB
	AZ

AIR EDUCATION AND TRAINING COMMAND

Air Education and Training Command, Hq	Randolph AFB TX
Air Education and Training Command Air Operations Sq	"
Air Education and Training Command Civil Engineer Flt	"
Air Education and Training Command Computer Systems Sq	"
Air Education and Training Command Contracting Sq	"
Air Education and Training Command Manpower and Innovation Flt	"
Air Education and Training Command Program Management Flt	"
Air Education and Training Command Studies and Analysis Sq	"

Air Education and Training Command Training Support Sq	"
Air Force Occupational Measurement Sq	"
Air Force Security Assistance Training Sq	"
USAF Aircraft Controllers School (NA)	Tyndall AFB FL
USAF Pilot Instructor School (T-37)(NA)	Randolph AFB TX
USAF Pilot Instructor School (T-38)(NA)	"
USAF Pilot School (NA)	Columbus AFB MS
USAF Pilot School (NA)	Laughlin AFB TX
USAF Pilot School (NA)	Vance AFB OK
USAF Security Police Academy (NA)	Lackland AFB TX
USAF Survival & Special Training School (NA)	Fairchild AFB WA
 59 Medical Wing	 Lackland AFB TX
 Air University (Except 42 Air Base Wing)	 Maxwell AFB AL
Air Force Recruiting Service	Randolph AFB TX
 Second Air Force, Hq AFB MS	 Keesler
 Nineteenth Air Force, Hq	 Randolph AFB TX

AIR FORCE MATERIEL COMMAND

Air Force Materiel Command, Hq	Wright-Patterson AFB OH
Air Force Materiel Command Civil Engineer Sq	"
Air Force Materiel Command Computer Systems Office	"
Air Force Materiel Command Contracting Office	"
Air Force Materiel Command Law Office	"
Air Force Materiel Command Logistics Support Office	"
Air Force Materiel Command Manpower and Innovation Office	"
Air Force Materiel Command Office of Aerospace Studies	Kirtland AFB NM
Air Force Materiel Command Operations Office	Wright-Patterson AFB OH
Air Force Materiel Command Studies and Analyses Office	"
Joint Depot Maintenance Analysis Group Office	"
United States Air Force Band of Flight	"
Air Force Materiel Command Space Systems Support Gp	Peterson AFB CO
Aeronautical Systems Center (Except 88 Air Base Wing and 311 Air Base Group)	Wright-Patterson
Aerospace Maintenance and Regeneration Center	Davis-Monthan AFB AZ
Air Armament Center (Except 96 Air Base Wing and 377 Air Base Wing)	Eglin AFB FL
Air Force Flight Test Center (Except 95 Air Base Wing)	Edwards AFB CA
Air Force Research Laboratory	Wright-Patterson AFB OH

Air Force Office of Scientific Research
Air Force Security Assistance Center

Arnold Engineering Development Center
Electronic Systems Center
(Except 66 Air Base Wing)
United States Air Force Band of Liberty
Cryptologic Systems Gp
Materiel Systems Gp

Standard Systems Gp

Ogden Air Logistics Center
(Except 75 Air Base Wing)
514 Flight Test Sq
649 Combat Logistics Support Sq
Support Center Pacific

Oklahoma City Air Logistics Center
(Except 72 Air Base Wing)
Space and Missile Systems Center
(Except 61 Air Base Wing)
United States Air Force Museum

Warner Robins Air Logistics Center
(Except 78 Air Base Wing)

Arlington VA
Wright-Patterson
AFB OH
Arnold AFB TN
Hanscom AFB MA

"
San Antonio TX
Wright-Patterson
AFB OH
Maxwell AFB,
Gunter Annex AL
Hill AFB UT

"
"Kadena AB JA
Tinker AFB OK

Los Angeles AFB
CA
Wright-Patterson
AFB OH
Robins AFB GA

AIR FORCE RESERVE COMMAND

Air Force Reserve Command, Hq
Air Force Reserve Command Examining Office
Air Force Reserve Command Manpower and Innovation Flt
Air Force Reserve Command Pay Office
Air Force Reserve Command Recruiting Sq
Air National Guard/Air Force Reserve Airlift Tactics Flt
Air National Guard/Air Force Reserve Test Office
Band of the United States Air Force Reserve
951 Reserve Support Sq
952 Reserve Support Sq
953 Reserve Support Sq
954 Reserve Support Flt
Air Reserve Personnel Center

Robins AFB GA
Macon CTY GA
Dobbins ARB GA
Denver CTY CO
Robins AFB GA
St Joseph CTY MO
Tucson CTY AZ
Robins AFB GA

"
"Norfolk VA
Scott AFB IL
Denver CO

Fourth Air Force, Hq

March ARB CA

Tenth Air Force, Hq

Carswell ARS TX

Twenty-Second Air Force, Hq

Dobbins ARB GA

AIR FORCE SPACE COMMAND

Air Force Space Command, Hq

Peterson AFB CO

Air Force Space Command Civil Engineer Flt	CO Springs, CO
Air Force Space Command Communications Support Sq	Peterson AFB CO
Air Force Space Command Contracting Flt	"
Air Force Space Command Manpower and Innovation Flt	"
Air Force Space Command Space Operations Sq	"
The United States Air Force Band of the Rockies	"
Space Warfare Center	Schriever AFB CO
Air Force Space Battlelab	"
17 Test Sq	"
576 Flight Test Sq	Vandenberg AFB CA
Fourteenth Air Force, Hq	"
Twentieth Air Force, Hq	F.E. Warren AFB WY

AIR FORCE SPECIAL OPERATIONS COMMAND

Air Force Special Operations Command, Hq	Hurlburt Fld FL
Air Force Special Operations Command Air Operations Flt	"
Air Force Special Operations Command Air Support Operations Sq	Ft Bragg NC
Air Force Special Operations Command Computer Systems Flt	Hurlburt Fld FL
Air Force Special Operations Command Electronic Combat Support Flt	Robins AFB G
Air Force Special Operations Command Logistics Support Sq	Hurlburt Fld FL
USAF Special Operations School	"
8 Flight Test Sq	"
352 Special Operations Gp	RAF Mildenhall UK
353 Special Operations Gp	Kadena AB JA
720 Special Tactics Gp	Hurlburt Fld Ft

AIR MOBILITY COMMAND

Air Mobility Command, Hq	Scott AFB IL
Air Mobility Command Air Intelligence Sq	"
Air Mobility Command Air Operations Sq	"
Air Mobility Command Civil Engineer Sq	"
Air Mobility Command Computer Systems Sq	"
Air Mobility Command Contracting Flt	"
Air Mobility Command Financial Services Sq	"
Air Mobility Command Logistics Support Sq	"
Air Mobility Command Manpower and Innovation Flt	"
Air Mobility Command Regional Supply Sq	"
Air Mobility Command Studies and Analysis Flt	"
United States Air Force Band of the Golden West	Travis AFB CA
United States Air Force Band of Mid-America	Scott AFB IL
Air Mobility Warfare Center, Hq	Ft Dix AI NJ
USAF Combat Aerial Delivery School	Little Rock AFB AR
33 Flight Test Sq	Ft Dix AI NJ
421 Training Sq	"
Air Mobility Command Tanker Airlift Control Center	Scott AFB IL
Defense Courier Service	Ft George G. Meade MD

Fifteenth Air Force, Hq
 317 Airlift Gp
 615 Air Mobility Operations Gp
 615 Air Mobility Support Gp, Hq
 630 Air Mobility Support Sq
 631 Air Mobility Support Sq
 632 Air Mobility Support Sq
 633 Air Mobility Support Sq
 634 Air Mobility Support Sq
 635 Air Mobility Support Sq

Travis AFB CA
 Dyess AFB TX
 Travis AFB CA
 Hickam AFB HI
 Yokota AB JA
 Osan AB KOR
 Elmendorf AFB AK
 Kadena AB JA
 Andersen AFB GU
 Hickam AFB HI

Twenty-First Air Force, Hq
 19 Air Refueling Gp
 463 Airlift Gp
 621 Air Mobility Operations Gp
 621 Air Mobility Support Gp, Hq
 623 Air Mobility Support Sq
 625 Air Mobility Support Sq
 626 Air Mobility Support Sq
 627 Air Mobility Support Sq
 628 Air Mobility Support Sq
 629 Air Mobility Support Sq

McGuire AFB NJ
 Robins AFB GA
 Little Rock AFB AR
 McGuire AFB NJ
 Ramstein AB GE
 "
 Rota NAS SP
 Rhein-Main AB GE
 RAF Mildenhall UK
 Incirlik AB TU
 Lajes Fld Azores

PACIFIC AIR FORCES

Pacific Air Forces, Hq
 AFB HI

Hickam

Pacific Air Forces Air Intelligence Sq
 Pacific Air Forces Air Operations Sq
 Pacific Air Forces Air Postal Sq
 Pacific Air Forces Civil Engineer Sq
 Pacific Air Forces Computer Systems Sq
 Pacific Air Forces Manpower and Innovation Flt
 Pacific Air Forces Regional Supply Sq
 United States Air Force Band of the Pacific
 United States Air Force Band of the Pacific-Asia
 United States Air Force Band of the Pacific-Hawaii
 337 Air Support Flt
 15 Air Base Wg

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 "
 "
 Elmendorf AFB AK
 Yokota AB JA
 Hickam AFB HI
 Canberra AS
 Hickam AFB HI

Fifth Air Force

Yokota AB JA

Seventh Air Force
 KOR

Osan AB

Eleventh Air Force, Hq

Elmendorf AFB AK

611 Air Operations Gp
 611 Air Support Gp

"
 "

Thirteenth Air Force

Andersen AFB GU

UNITED STATES AIR FORCES IN EUROPE

United States Air Forces in Europe, Hq	Ramstein AB GE
United States Air Forces in Europe Air Mobility Operations Control Center	"
United States Air Forces in Europe Air Operations Sq	"
United States Air Forces in Europe Air Postal Sq	"
United States Air Forces in Europe Band	Einsiedlerhof
	Storage Annex GE
United States Air Forces in Europe Civil Engineer Sq	Ramstein AB GE
United States Air Forces in Europe Civilian Personnel Office	Sembach Annex GE
United States Air Forces in Europe Computer Systems Sq	Ramstein AB GE
United States Air Forces in Europe Construction and Training Sq	"
United States Air Forces in Europe Contracting Sq	"
United States Air Forces in Europe Information Operations Flt	"
United States Air Forces in Europe Inspection Flt	"
United States Air Forces in Europe Logistics Support Sq	"
United States Air Forces in Europe Manpower and Innovation Flt	"
United States Air Forces in Europe Medical Services Flt	"
United States Air Forces in Europe Mission Support Sq	Stuttgart
	Vaihingen GE
United States Air Forces in Europe NCO Academy	Kapaun AS GE
United States Air Forces in Europe Operational Weather Sq	Sembach AB GE
United States Air Forces in Europe Regional Supply Sq	"
United States Air Forces in Europe Services Flt	"
United States Air Forces in Europe Special Security Sq	Ramstein AB GE
United States Air Forces in Europe Warrior Preparation Center	Einsiedlerhof
	Storage Annex GE
7 Weather Sq	Heidelberg GE
32 Air Operations Gp	Ramstein AB GE
Third Air Force, Hq	RAF Mildenhall UK
603 Air Communications Flt	"
603 Regional Planning Flt	"
4 Air Support Operations Gp, Hq	Heidelberg GE
1 Air Support Operations Sq	Bad Kreuznach GE
2 Air Support Operations Sq	Wuerzburg GE
4 Air Support Operations Sq	Mannheim GE
Sixteenth Air Force	Aviano AB IT

ATTACHMENT 6

DETERMINATION OF TOTAL FORCE REQUIREMENTS

Procedures

Each MAJCOM/XPM (in conjunction with the MAJCOM FAMs) will determine their wartime (non-theater) in-place support requirement using the Base Infrastructure Model. MAJCOMs will:

1. On the basis of the TPFDD, determine the number of deployers per base.
2. Apply the 8% BOS factor to the number of deployers per base to determine the adjustment to the BOS requirement for In-Place Support.
3. Distribute BOS adjustments to appropriate BOS organizations (apply fair-share, use FAM guidance, etc.).
4. Using the BIM (wartime MAF, adjusted level of service), determine the In-Place Support requirements by position-level detail.
5. Aggregate the deploying forces, remaining operational and maintenance personnel, In-Place Forces, Directed Mission, and In-Place Support to determine the total manpower requirement by base.

In-place support requirements will be straightlined for all locations in the following countries and states: Japan, Korea, Guam, Hawaii, Italy, and Turkey.

Guidelines for Determining In-Place Support Requirements

- a. Use of the Man-Hour Availability Factor (MAF). Requirements must be based on the wartime sustaining workweek, 6 days per week, 10 hours per day, 60-hour week. Deviations must be justified to HQ USAF/XPMR.
- b. Category (Military/Civilian/Contractor) Mix:
 - (1) The following requirements are military:
 - (a) Positions required for deployment into a potential combat theater (deployment with a non-CONUS destination).
 - (b) Positions required for in-place in a potential combat theater (non-CONUS) unless you have specific guidance to the contrary, such as emergency essential civilians/contractors, Status of Forces Agreements, and Host Nation Support Agreements.
 - (c) Positions requiring military by law, requiring military experience or unique training, or for military command and control.
 - (d) Positions needed to maintain peacetime rotation requirements and casualty replacements (as determined by HQ USAF/DP).

- (2) All other functions should be civilian or contractor.
 - (3) Treatment of Contracts. If a current contract would continue under the TFA scenario and is required to support this scenario, straight-line the requirements as contract requirements and add the appropriate number of CME requirements if additional support is needed.
- c. Timeframe. Provide only sustainment requirements -- those needed after force deployments have taken place as opposed to peak requirements during the physical deployment of forces (i.e., M+30).

Host /Tenant Responsibilities

Host-tenant support relationships will be the same in wartime as in peacetime. Tenants' MAJCOMs will quantify their in-place forces and directed mission requirements. Tenants' MAJCOMs will provide workload data to the hosts' MAJCOMs for those functions for which the hosts provide support. It is essential that workload is not double counted by host and tenant MAJCOMs.

Gaining MAJCOM, Air National Guard (ANG), and Air Force Reserve Command (AFRC) Responsibilities

In addition to host/tenant responsibilities, gaining MAJCOMs are responsible for ensuring requirements for gained missions are accounted for, to include operational and support requirements. In place operational and support requirements that are in hardline PECs can be straightlined. All other requirements must be identified as required by the gaining MAJCOM.

Identifying Available Resources

The Air Staff (and the BIM) will use authorizations effective in the fourth quarter of FY2001 as reflected in the HQ USAF Manpower Data System (HAF MDS) as of 1 Jul 2000.

Comparing Resources to Requirements

For programming purposes, comparisons of resources to requirements are functionally grouped, primarily by Air Force Specialties and MAJCOM/FOA/DRU. Therefore, MAJCOMs/FOAs/ DRUs do not need to compare resources to requirements at their level. However, they may do so to assist in facilitating a complete and accurate check of the in-place requirements as well as for internal analysis.

ATTACHMENT 7

TFA Functional Guidance Annexes

The following Annexes will be developed for the TFA Overarching Guidance by the Air Staff Functional Area Managers:

A	AIRFIELD OPERATIONS
B	CHAPLAIN
C	CIVIL ENGINEERING
D	COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS
E	COMPTROLLER
F	CONTRACTING
G	FUELS
H	HISTORY
I	INFORMATION MANAGEMENT AND POSTAL
J	INTELLIGENCE
K	JUDGE ADVOCATE GENERAL
L	LOGISTIC SUPPORT
M	MAINTENANCE
N	MANPOWER
O	MEDICAL
P	MUNITIONS
Q	OFFICE OF SPECIAL INVESTIGATIONS
R	PERSONNEL
S	PUBLIC AFFAIRS
T	SAFETY
U	SECURITY FORCES
V	SERVICES
W	SUPPLY
X	TEST AND EVALUATION
Y	TRANSPORTATION

Z

WEATHER